DT07 Rec'd PCT/PTO 1 9 JAN 2005

569 065 781 US **EXPRESS MAIL**

Approv U.S. Patent and Trademark Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information units

PTO-1390 (Rev. 12-2004) te through 3/31/2007. OMB 0651-0021 U.S. DEPARTMENT OF COMMERCE ವರ್it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 72-03

U.S. APPUCATION NO. 10 knows se-37-CFR 1.5)

CONCERNING A SUBMISSIO	30/ 2C1025								
INTERNATIONAL APPLICATION NO. PCT/US2003/022895	INTERNATIONAL FILING DATE 21 JULY 2003	PRIORITY DATE CLAIMED 19 JULY 2002							
TITLE OF INVENTION FABRICATION OF 3D PHOTOPOLYMERIC DEVICES									
APPLICANT(S) FOR DO/EO/US HARALDSSON, K. Tommy; HUTCHISON, J. Brian; BOWMAN, Christopher; ANSETH, Kristi									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. X This is a FIRST submission of items cor	X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. The US has been elected (Article 31).	The US has been elected (Article 31).								
5. X A copy of the International Application	X A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. is attached hereto (required only if not communicated by the International Bureau).									
b. X has been communicated by	b. X has been communicated by the International Bureau.								
c. is not required, as the applic	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language translation of the	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
a. is attached hereto.	a. is attached hereto.								
b. has been previously submit	b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of the Inter	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a. are attached hereto (requir	a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communicated	b. have been communicated by the International Bureau.								
c. have not been made; howe	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been made and w	d. have not been made and will not be made.								
8. An English language translation of the	e amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).							
9. An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT							
Items 11 to 20 below concern document(s) or information included:									
11. An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.								
12. An assignment document for recording	g. A separate cover sheet in compliance wit	th 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.									
14. An Application Data Sheet under 37 C	OFR 1.76.								
15. A substitute specification.									
16. A power of attorney and/or change of	address letter.								
17. A computer-readable form of the sequ	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.							
18. A second copy of the published Intern	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19. A second copy of the English languag	e translation of the international application	under 35 U.S.C. 154(d)(4).							
20 Other items or information:		•							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

DT09 Rec'd PCT/PT0 19 JAN 2005
PT0-1390 (Rev. 12-2004)
Approved or use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/US2003/022895		ATTORNEY'S DOCKET NUMBER 72-03						
24 The follows:	10/521 ng fees are submitted:	5 <i>5</i> 5			Applicant use	Office use only		
l	•			\$300.00	\$ 300			
X a) Basic national fee \$300.00 X b) Examination fee \$200.00				\$ 200				
X c) Search fee			\$ 500)				
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 100)			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence								
	mputer program listing fil 0 sheets of paper or fract							
Total Sheets	Extra sheets			RATE	1			
- 100 =	/50 =	(,,c,c,c, (,	× \$250.00					
				_	\$	0		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$			
CLAIMS	NUMBER FII	ED	NUMBER EXTRA	RATE	\$			
Total claims	25	- 20 =	5	x \$50.00	\$ 25	0		
Independent clai	ims 4	- 3 =	1	x \$200.00	\$ 20	0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00				\$	0			
TOTAL OF ABOVE CALCULATIONS =					\$ 2,45	0		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					\$ 1,22	5		
SUBTOTAL =				\$ 1,22	5			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$	0		
TOTAL NATIONAL FEE =					\$ 1,22	5		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 0)		
TOTAL FEES ENCLOSED =					\$ 1,22	5		
Amount to be refunded:						\$		
Amount to be charged						\$		
a. X A check in the amount of \$ 1,225.00 to cover the above fees is enclosed.								
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1969 Addupticate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed								
and granted to restore the International Application to pending status.								
SEND ALL COR	RESPONDENCE TO:		(han	1 la DA			
GREENLEE, WINNER and SULLIVAN, P.C. SIGNATURE								
4875 Pearl E	East Circle, Suite 20			TAMALA F	R. JONAS(/			
Boulder, CO				NAME				
(303) 499-80 (303) 499-80				47,688				
REGISTRATION NUMBER								